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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.		No.	8549-000002/US/COB	
First Inventor Voll		Voll	ker Nowotny	DT(
Title	REGULATORY SINGLE NUCLEOTIDE POLYMORPHISMS AND METHODS THEREFOR			

EV 298497004 US (Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) Express Mail Label No. Mail Stop Patent Application APPLICATION ELEMENTS Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria, VA 22313-1450 7. CD-ROM or CD-R in duplicate, large table or 1. 🛛 Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing) Computer Program (Appendix) 2. 🔯 Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) з. 🔯 a. Computer Readable Form (CRF) Specification [Total Pages (preferred arrangement set forth below) b. Specification Sequence Listing on: - Descriptive title of the Invention Specification i. CD-ROM or CD-R (2 copies); or - Cross References to Related Applications filed in English ii. 🛛 paper - Statement Regarding Fed sponsored R & D c. X Statements verifying identity of above copies - Reference to sequence listing, a table, or a computer program listing appendix **ACCOMPANYING APPLICATIONS PARTS** - Background of the Invention 9. 🛛 - Brief Summary of the Invention Assignment Papers (cover sheet & document(s)) - Brief Description of the Drawings (if filed) 10. 🔲 37 C.F.R.§3.73(b) Statement Power of - Detailed Description (when there is an assignee) Attorney - Abstract of the Disclosure 11. 🔲 English Translation Document (if applicable) 12. Information Disclosure ☐ Copies of IDS 4. Drawing(s) (35 U.S.C.113) [Total Sheets 2 Citations Statement (IDS)/PTO-1449 [Total Pages 3 5. Oath or Declaration 13. 🛛 **Preliminary Amendment** Newly executed (original or copy) 14. 🛛 Return Receipt Postcard (MPEP 503) b. Opy from a prior application (37 CFR 1.63 (d)) (Should be specifically itemized) (for a continuation/divisional with Box 18 completed) 15. 🔲 Certified Copy of Priority Document(s) i. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) 16. 🔲 Request and Non Publication under 35 U.S.C. 122 named in the prior application, see 37 CFR (b)(2)(B)(i). Applicant must attach form PTO/SB/35 1.63(d)(2) and 1.33(b). or its equivalent. 6. Application Data Sheet. See 37 CFR 1.76 17. 🔲 Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: □ Continuation □ Divisional Continuation-in-part (CIP) of prior application No: 10 / 241,151 Group / Art Unit: 1631 Prior application information: Examiner Zeman, Mary K. For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts 17. CORRESPONDENCE ADDRESS 28997 Correspondence address below (Insert Customer No. or Attach bar code label here) Donald R. Holland Name Harness, Dickey & Pierce, P.L.C. P.O. Box 828 Address City MO 63105 St. Louis State Zip Code United States of America Telephone 314-726-7500 Fax 314-726-7501 Country Name (Print/Type) Donald R. Holland Registration No. (Attorney/Agent) 35,197 12/11/03 Signature

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for	FY	2004	

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

\$425

Complete if Known				
Application Number	Unknown			
Filing Date	December 11, 2003			
First Named Inventor	Volker Nowotny			
Examiner Name	Unknown			
Art Unit	Unknown			
Attorney Docket No.	8549-000002/US/COB			

METHOD OF PAYMENT (check all that apply)				Γ			FEE C	ALCULATION (continued)	
				3. ADE	ITIONAL	L FEES			
☑ Check ☐ Credit card ☐ Money ☐ Other ☐ None Order				Large	Entity	Small E	<u>Entity</u>		
☐ Deposit Account:				Fee	Fee	Fee	Fee		
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Account	08-0750			1051	130	2051	65	Surcharge - late filing fee or oath	
Number		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.			
= -tr				1053	130	1053	130	Non-English specification	
Account Harness, Dickey & Pierce, P.L.C.			1812	2,520	1812	2,520	For filing a request for reexamination		
Name The Director is authorized to: (check all that apply)					920*	1804	920*	Requesting publication of SIR prior to Examiner action	
☐ Charge fee(s) indicated below ☑ Credit any overpayments ☑ Charge any additional fee(s) during the pendency of this application				1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
		w, except for the filing fee		1251	110	2251	55	Extension for reply within first month	
to the above-identified deposit account. FEE CALCULATION				1252	420	2252	210	Extension for reply within second month	
1. BASIC FI	LING FEE			1253	950	2253	475	Extension for reply within third month	
Large Entity	Small Entity			1254	1,480	2254	740	Extension for reply within fourth month	
Fee Fee Code (\$)	Fee Fee Code (\$)	Fee Description	ee Paid	1255	2,010	2255	1,005	Extension for reply within fifth month	
1001 770	2001 385	_	385	1401	330	2401	165	Notice of Appeal	
1002 340	2002 170	Design filing fee		1402	330	2402	165	Filing a brief in support of an appeal	
	2003 265	Plant filing fee		1403	290	2403	145	Request for oral hearing	
1004 770	2004 385	Reissue filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1005 160	2005 80	Provisional filling fee		1452	110	2452	55	Petition to revive – unavoidable	
SUBTOTAL (1) (\$)385			1453	1,330	2453	665	Petition to revive - unintentional		
		,, <u>-</u> (,,		1501	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTRA CLAI	M FEES			1502	480	2502	240	Design issue fee	
		Extra Fee from Claims below	Fee Paid	1503	640	2503	320	Plant issue fee	
Total Claims 19	-20 ** =	0 X =		1460	130	1460	130	Petitions to the Commissioner	
	₹ -			1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
3	-3 ** ≃	0 X =		1806	180	1806	180	Submission of Information Disclosure Stmt	
Multiple Dependent Large Entity	ı Small Enti	X =	:	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
Fee Fee Code (\$)		ee Fee Description		1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	,
1202 18	2202 9	•		1810	770	2810	385	For each additional invention to be	
1201 86	2201 4		cess of 3	1,0,0	,,,	2010	000	examined (37 CFR § 1.129(b))	
1203 290		45 Multiple dependent claim		1801	770	2801	385	Request for Continued Examination (RCE)	
1204 86	2204 4:	** Poissus independent	•						'
1 1204 00	2204 4.	originai patent		1802	900 l	1802	900	Request for expedited examination of a design application	
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent					Other fee (specify)				
SUBTOTAL (2) (\$) 0				Outer 16	se (apaci	.,,	•	-	
<u> </u>				*Redu	ced by Ba	asic Filin	g Fee Pa	aid SUBTOTAL (3) (\$) 40	
**or number previously paid, if greater; For Reissues, see above								L	

1	SUBMITTED BY			Complete (if applicable)		
	Name (Print/Type)	Donald R. Holland	Registration No. Attorney/Agent)	35,197	Telephone	314-726-7500
	Signature	Donald	1 Re Holland		Date	12/11/03

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